Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115316.D
Acq On : 29 Jun 2019 12:11
Operator : HP/JU
Sample : K3555-22MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:59 PM

Quant Time: Jul 01 08:33:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175634	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	687689	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	347531	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	704655	20.00	ng		0.00
76) Chrysene-d12	13.72	240	564820	20.00	ng		0.00
87) Perylene-d12	15.08	264	698461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1188094	104.39	ng		0.00
7) Phenol-d6	6.24	99	1542509	111.66	ng		0.00
23) Nitrobenzene-d5	7.16	82	900430	80.55	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	459395	125.35	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	1693591	82.78	ng		0.00
79) Terphenyl-d14	12.68	244	2055807	77.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	152535	28.398	ng		98
3) Pyridine	2.81	79	290318	19.176	ng		99
4) n-Nitrosodimethylamine	2.74	42	181590	30.596	ng		96
6) Aniline	6.25	93	376287	19.819	ng	#	1
8) 2-Chlorophenol	6.38	128	457753	35.768	ng		98
9) Benzaldehyde	6.14	77	274869	30.499	ng		99
10) Phenol	6.25	94	549653	33.968	ng		96
11) bis(2-Chloroethyl)ether	6.34	93	410230	34.392	ng		98
12) 1,3-Dichlorobenzene	6.54	146	477566	33.624	ng		98
13) 1,4-Dichlorobenzene	6.62	146	489710	34.384	ng		99
14) 1,2-Dichlorobenzene	6.77	146	462475	35.064	ng		98
15) Benzyl Alcohol	6.74	79	351035	34.897	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	572145	33.072	ng		98
17) 2-Methylphenol	6.87	107	377267	35.714	ng		100
18) Hexachloroethane	7.11	117	166964	32.517	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	287762	32.537	ng		98
20) 3+4-Methylphenols	7.02	107	451619	37.025	ng	#	78
22) Acetophenone	7.01	105	604217	38.379	ng		95
24) Nitrobenzene	7.18	77	449163	36.470	ng		99
25) Isophorone	7.42	82	815121	35.593	ng		99
26) 2-Nitrophenol	7.50	139	251469	41.346	ng		97
27) 2,4-Dimethylphenol	7.54	122	403162	40.485	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	521019	35.996	ng		99
29) 2,4-Dichlorophenol	7.74	162	394219	38.360	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	414245	36.493	ng		99
31) Naphthalene	7.90	128	1278738	37.881	ng		99
32) Benzoic acid	7.62	122	90758m	12.768	ng		
33) 4-Chloroaniline	7.95	127	270027	17.503	ng		99
34) Hexachlorobutadiene	8.03	225	220542	35.453	ng		100
35) Caprolactam	8.31	113	130638m	37.810	ng		
36) 4-Chloro-3-methylphenol	8.44	107	399279	38.364	ng		95
37) 2-Methylnaphthalene	8.59	142	869537	38.203	ng		99
38) 1-Methylnaphthalene	8.69	142	816873	37.578	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	371798	37.859	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	420155	72.151	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	280542	37.002	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	306138	39.209	ng	99
46) 1,1'-Biphenyl	9.05	154	1044897	37.576	ng	99
47) 2-Chloronaphthalene	9.08	162	828768	36.743	ng	100
48) 2-Nitroaniline	9.17	65	246710	37.516	ng	86
49) Acenaphthylene	9.49	152	1315084	37.421	ng	99
50) Dimethylphthalate	9.36	163	1236817	48.372	ng	100
51) 2,6-Dinitrotoluene	9.41	165	228666	38.737	ng	98
52) Acenaphthene	9.66	154	754423m	34.306	ng	
53) 3-Nitroaniline	9.58	138	185695	25.778	ng	93
54) 2,4-Dinitrophenol	9.68	184	143190	50.157	ng	98
55) Dibenzofuran	9.83	168	1158408	36.702	ng	98
56) 4-Nitrophenol	9.75	139	429765	74.417	ng	95
57) 2,4-Dinitrotoluene	9.81	165	304209	39.912	ng	94
58) Fluorene	10.17	166	837601	38.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	258206	39.438	ng	96
60) Diethylphthalate	10.06	149	967644	37.649	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	404799	39.740	ng	97
62) 4-Nitroaniline	10.18	138	273100	37.791	ng	98
63) Azobenzene	10.32	77	876814	36.524	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	135338	37.326	ng	89
66) n-Nitrosodiphenylamine	10.28	169	810516	36.920	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	279073	36.528	ng	95
68) Hexachlorobenzene	10.72	284	304674	36.740	ng	98
69) Atrazine	10.81	200	270405	38.290	ng	100
70) Pentachlorophenol	10.91	266	351981	66.625	ng	97
71) Phenanthrene	11.12	178	1362807	35.920	ng	99
72) Anthracene	11.17	178	1428021	37.288	ng	100
73) Carbazole	11.33	167	1324863	38.741	ng	99
74) Di-n-butylphthalate	11.68	149	1530428	38.727	ng	100
75) Fluoranthene	12.30	202	1457467	38.502	ng	99
77) Benzidine	12.42	184	224805	8.963	ng	97
78) Pyrene	12.52	202	1507085	34.720	ng	99
80) Butylbenzylphthalate	13.16	149	694560	36.258	ng	97
81) Benzo(a)anthracene	13.71	228	1419830	35.034	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	402599	27.509	ng	97
83) Chrysene	13.75	228	1390703	37.461	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	954651	38.034	ng	100
85) Di-n-octyl phthalate	14.34	149	1619352	38.398	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1709223	38.909	ng	99
88) Benzo(b)fluoranthene	14.71	252	1469424	33.716	ng	99
89) Benzo(k)fluoranthene	14.74	252	1450055	37.101	ng	98
90) Benzo(a)pyrene	15.02	252	1448983	36.888	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1408361	38.405	ng	99
92) Benzo(g,h,i)perylene	16.73	276	1439250	38.777	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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